

AMENDMENTS TO THE CLAIMS

Claim 1. (Previously Presented) An additive composition comprising:

- (a) at least one first phosphorus- and boron-containing dispersant in an amount of about 20 wt% or more in the additive composition;
- (b) at least one second boron-containing dispersant, free of phosphorus; and
- (c) at least one metal-containing, overbased detergent.

Claim 2. (Original) The additive composition of claim 1, wherein the first dispersant comprises a phosphorylated and boronated polyisobutylene succinimide, bis-succinimide, or mixture thereof.

Claim 3. (Currently Amended) The additive composition of claim 2, wherein the polyisobutylene has a weight average molecular weight of about 900 amu.

Claim 4. (Original) The additive composition of claim 1, wherein the second dispersant comprises a boronated polyisobutylene succinimide, bis-succinimide, or mixture thereof.

Claim 5. (Previously Presented) The additive composition of claim 4, wherein the polyisobutylene has a weight average molecular weight of about 900 to about 1300.

Claim 6. (Cancelled)

Claim 7. (Original) The additive composition of claim 1, wherein the detergent comprises a sulfonate or a phenate.

Claim 8. (Original) The additive composition of claim 1, wherein the detergent comprises one or more of calcium sulfonate, magnesium sulfonate, sodium sulfonate, calcium phenate, and zinc phenate.

Claim 9. (Original) The additive composition of claim 1, wherein the detergent comprises a calcium sulfonate having about 1.5 wt% to about 20 wt% calcium.

Claim 10. (Currently Amended) The additive composition of claim 9, wherein the calcium sulfonate comprises a TBN of about 250 mgKOH/g to about 450 mgKOH/g.

Claim 11. (Original) The additive composition of claim 1, wherein the detergent comprises a calcium phenate having about 2.5 wt% to about 8.5 wt% calcium.

Claim 12. (Original) The additive composition of claim 1, wherein the detergent comprise a calcium phenate having a TBN of about 50 mgKOH/g to about 300 mgKOH/g.

Claim 13. (Original) The additive composition of claim 1, further comprising one or more of an antioxidant, an extreme pressure additive, a corrosion inhibitor, an antiwear additive, a metal deactivator, an antifoam agent, a viscosity index improver, a pour point depressant, an air entrainment additive, a metallic detergent, and a seal swell agent.

Claim 14. (Original) The additive composition of claim 1, wherein the additive composition is suitable for use in a transmission employing one or more of a slipping torque converter, a lock-up torque converter, a starting clutch and one or more shifting clutches.

Claim 15. (Previously Presented) The additive composition of claim 14, wherein the additive composition is suitable for use in a belt-, chain-, or disk-type continuously variable transmission.

Claim 16. (Currently Amended) A power transmitting fluid, comprising:

(a) a major amount of a base oil; and

(b) an additive composition comprising

(i) at least one first phosphorus- and boron-containing dispersant in an amount of about 2.0 wt% or more in the fluid;

(ii) at least one second boron-containing dispersant, free of phosphorus; and

(iii) at least one metal-containing, overbased detergent

wherein the total amount of boron and phosphorus in the power transmitting fluid is at least about 200 ppm.

Claim 17. (Original) The power transmitting fluid of claim 16, wherein the first dispersant comprises a phosphorylated and boronated polyisobutylene succinimide, bis-succinimide, or mixture thereof.

Claim 18. (Currently Amended) The power transmitting fluid of claim 17, wherein the polyisobutylene has a weight average molecular weight of about 900 ~~amu~~.

Claim 19. (Original) The power transmitting fluid of claim 16, wherein the second dispersant comprises a boronated polyisobutylene succinimide, bis-succinimide, or mixture thereof.

Claim 20. (Previously Presented) The power transmitting fluid of claim 19, wherein the polyisobutylene has a weight average molecular weight of about 900 to about 1300.

Claim 21. (Cancelled)

Claim 22. (Original) The power transmitting fluid of claim 16, wherein the detergent comprises a sulfonate or a phenate.

Claim 23. (Original) The power transmitting fluid of claim 16, wherein the detergent comprises one or more of calcium sulfonate, magnesium sulfonate, sodium sulfonate, calcium phenate, and zinc phenate.

Claim 24. (Original) The power transmitting fluid of claim 16, wherein the detergent comprises a calcium sulfonate having about 1.5 wt% to about 20 wt% calcium.

Claim 25. (Original) The power transmitting fluid of claim 16, wherein the calcium sulfonate comprises a TBN of about 250 mgKOH/g to about 400 mgKOH/g.

Claim 26. (Original) The power transmitting fluid of claim 16, wherein the detergent comprises a calcium phenate having about 2.5 wt% to about 8.5 wt% calcium.

Claim 27. (Original) The power transmitting fluid of claim 16, wherein the detergent comprise a calcium phenate having a TBN of about 50 mgKOH/g to about 300 mgKOH/g.

Claim 28. (Original) The power transmitting fluid of claim 16, further comprising one or more of an antioxidant, an extreme pressure additive, a corrosion inhibitor, an antiwear additive, a metal deactivator, an antifoam agent, a viscosity index improver, a pour point depressant, an air entrainment additive, a metallic detergent, and a seal swell agent.

Claim 29. (Original) The power transmitting fluid of claim 16, wherein the additive composition is suitable for use in a transmission employing one or more of a slipping torque converter, a lock-up torque converter, a starting clutch and one or more shifting clutches.

Claim 30. (Previously Presented) The power transmitting fluid of claim 29, wherein the additive composition is suitable for use in a belt-, chain-, or disk-type continuously variable transmission.

Claim 31. (Currently Amended) A continuously variable transmission fluid comprising

(a) a major amount of a base oil; and

(b) an additive composition comprising

(i) at least one first phosphorus- and boron-containing dispersant in an amount of about 2.0 wt% or more in the fluid;

(ii) at least one second boron-containing dispersant, free of phosphorus; and

(iii) at least one metal-containing, overbased detergent

wherein the total amount of boron and phosphorus in the fluid is at least about 200 ppm.

Claim 32. (Currently Amended) A method of increasing steel-on-steel friction comprising:

lubricating a transmission having steel-on-steel friction with a lubricating composition comprising a major amount of a base oil and an additive composition comprising:

(a) at least one first phosphorus- and boron-containing dispersant in an amount of about 2.0 wt% or more in the fluid;

(b) at least one second boron-containing dispersant, free of phosphorus; and

(c) at least one metal-containing, overbased detergent
wherein the total amount of boron and phosphorus in the lubricating composition is at least about 200 ppm.

Claim 33. (Currently Amended) A method of improving anti-shudder comprising:

lubricating a transmission having shudder with a lubricating composition comprising a major amount of a base oil and an additive composition comprising:

(a) at least one first phosphorus- and boron-containing dispersant in an amount of about 2.0 wt% or more in the fluid;

(b) at least one second boron-containing dispersant, free of phosphorus; and

(c) at least one metal-containing, overbased detergent

wherein the total amount of boron and phosphorus in the lubricating composition is at least about 200 ppm.

Claim 34. (Currently Amended) A method of stabilizing steel-on-paper friction comprising:

lubricating a transmission having steel-on-paper friction with a lubricating composition comprising a major amount of a base oil and an additive composition comprising:

(a) at least one first phosphorus- and boron-containing dispersant in an amount of about 2.0 wt% or more in the fluid;

(b) at least one second boron-containing dispersant, free of phosphorus; and

(c) at least one metal-containing, overbased detergent

wherein the total amount of boron and phosphorus in the lubricating composition is at least about 200 ppm.